



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

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Applicant(s): Citron et al.

Serial No.: 09/277,229

Group Art Unit No.: 1652

Filed: March 26, 1999

Examiner: M. Rao

For: Beta Secretase Genes and Polypeptides

Docket No.: A-581

RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

01/03/2001 TGED2KU1 00000054 010519 09277229
02 FC:116 350.00 CH

Sir:

01/03/2001 TGED2KU1 00000054 010519 09277229

01 FC:102

160.00 CH

This communication is in response to the Official Action mailed 14 August 2000 for the above-referenced patent application. A two-month extension to respond is hereby requested.

Please enter this amendment to the record.

In the Claims

A1
10. (amended). A polypeptide produced by [the process of Claim 9] culturing a host cell in a suitable medium, wherein the host cell comprises a nucleic acid molecule encoding a biologically active beta secretase polypeptide, and isolating the polypeptide from the medium.

11. (amended) An isolated biologically active polypeptide selected from the group consisting of:

- Sub C
- a) the polypeptide of any of SEQ ID NOS: 4, 5, and 6;
 - b) a [biologically active] fragment of any of SEQ ID NOS. 4, 5, 6;
 - c) a [biologically active] polypeptide having one to fifty conservative amino acid changes as compared with the polypeptide of SEQ ID NO: 4;

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.

Date

Signature